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PTO/SB/05 (08-00) (modified)

Approved for use through 9/30/2001, OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

NEW UTILITY PATENT APPLICATION TRANSMITTAL

(only for new nonprovisional applications under
37 CFR 1.53(b))

Attorney Docket Number	21676-05107
First Named Inventor	Ernest Seagraves
Title	ENHANCED BITLOADING FOR MULTICARRIER COMMUNICATION CHANNEL
Express Mail Label No.	EL550795537US

11036 U.S. PTO

09/804676

03/12/01

APPLICATION ELEMENTS

- ☒ Fee Transmittal Form (in duplicate)
- ☒ Applicant claims small entity status.
See 37 CFR 1.27
- ☒ Specification Total Pages 37
(preferred arrangement set forth below)
 - Descriptive Title of the Invention
 - Cross Reference(s) to Related Case(s)
 - Statement Regarding Fed sponsored R & D
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawing(s)
 - Detailed Description
 - Claim or Claims
 - Abstract of the Disclosure
- ☒ Drawing(s) (35 U.S.C. 113) Total Sheets 4
- Oath or Declaration
 - ☐ New Declaration Total Pages
☐ Executed (original or copy)
 - ☐ Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
 - ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b).
- ☒ Application Data Sheet. See 37 CFR 1.76

ACCOMPANYING APPLICATION PARTS

- ☐ Assignment Papers (cover sheet & document(s))
- ☐ Certified Copy of Priority Document(s) (if foreign priority
is claimed)
- ☐ Power of Attorney or Authorization of Agent
- ☐ 37 CFR 3.73(b) Statement
- ☐ Preliminary Amendment
- ☐ Information Disclosure Statement & PTO-1449
☐ Copies of IDS Citation(s)
- ☐ Request and Certification under 35 U.S.C. 122
(b)(2)(B)(i). Applicant must attach form
PTO/SB/35 or its equivalent
- ☒ Return Postcard
- ☐
- ☐
- ☐

ADDRESS TO:

Box Patent Application
Commissioner for Patents
Washington, D.C. 20231

18. If a **CONTINUING APPLICATION**, check appropriate box and supply the requisite information below and in a preliminary amendment or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: ___/___

Prior application information: Examiner: _____ Group/Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuing or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

☒ Customer Number and Bar Code
Label



00758

Name (Print/Type)	Neil F. Masopust	Registration No. (Attorney/Agent)	42,833
Signature		Date	March 12, 2001

0002/PTO(modified)
Rev. 10/2000U.S. Department of Commerce
Patent and Trademark Office**FEE TRANSMITTAL****TOTAL AMOUNT OF PAYMENT**

Subtotal (1) + Subtotal (2) + Subtotal (3) =

(\$) PLEASE DEFER

Complete if Known

Application Number	NEW
Filing Date	HEREWITH
First Named Inventor	Ernest Seagraves
Group Art Unit	UNASSIGNED
Examiner Name	UNASSIGNED
Attorney Docket Number	21676-05107

METHOD OF PAYMENT**1. The Commissioner is hereby authorized to:**

- ☐ Charge the indicated fees to the below mentioned deposit account
- ☐ Charge any additional fee required under 37 CFR 1.16 - 1.21 or credit any over payments to the below mentioned deposit account [†]
- ☒ Applicant claims small entity status
See 37 CFR 1.27

Deposit Account Number:

Deposit Account Name: FENWICK & WEST LLP

A Duplicate Copy of this authorization is attached

2. Payment Enclosed:☐ Check ☐ Credit Card ☐ Other**FEE CALCULATION (fees effective 10/01/2000)****1. FILING FEE**

Large Entity Fee Code/Fee	Small Entity Fee Code/Fee	Fee Description	Fee Due
101/\$710	201/\$355	Utility Filing	355
106/\$320	206/\$160	Design Filing	
108/\$710	208/\$355	Reissue	
114/\$750	214/\$75	Provisional Filing	
SUBTOTAL (1)			(\$) 355

2. CLAIMS

Large Entity Fee Code/Fee	Small Entity Fee Code/Fee	Fee Description
103/\$18	203/\$9	Claims in excess of 20
102/\$80	202/\$40	Independent claims in excess of 3
104/\$270	204/\$135	Multiple dependent claim
109/\$80	209/\$40	Reissue independent claims over original patent
110/\$18	210/\$9	Reissue claims in excess of 20 and over original patent

3. ADDITIONAL FEES

Large Entity Fee Code/Fee	Small Entity Fee Code/Fee	Fee Description	Fee Due
105/\$130	205/\$65	Surcharge - late filing fee or oath	
127/\$50	227/\$25	Surcharge-late provisional filing fee or cover sheet	
147/\$2,520	147/\$2,520	For filing a request for reexamination	
115/\$110	215/\$55	Extension for response within first month [†]	
116/\$390	216/\$195	Extension for response within second month [†]	
117/\$890	217/\$445	Extension for response within third month [†]	
118/\$1,390	218/\$695	Extension for response within fourth month [†]	
128/\$1,890	228/\$945	Extension for response within fifth month [†]	
119/\$310	219/\$155	Notice of Appeal	
141/\$1,240	241/\$620	Petition to revive unintentionally abandoned application	
142/\$1,240	242/\$620	Utility Issue Fee (Or Reissue)	
143/\$440	243/\$220	Design Issue Fee	
122/\$130	122/\$130	Petitions to the Commissioner	
126/\$180	126/\$180	Submission of Information Disclosure Statement	
179/\$710	279/\$355	Request for Continued Examination (RCE)	
581/\$40	581/\$40	Recording each patent assignment per property (times number of properties)	
146/\$710	246/\$355	Filing a submission after final rejection (37 CFR 1 129(a))	
149/\$710	249/\$355	For each additional invention to be examined (37 CFR 1 129(b))	
Other fee (specify)			
Other fee (specify).			
SUBTOTAL (3)			(\$) 0

For	(Col 1) No of Existing Claims	minus*	(Col. 2) Highest No. Previously Paid For	=	(Col 3) Extra**	x	Fee	=	Fee Due
TOTAL	31	minus*	20 or 0	=	11	x	9	=	99
INDEP	8	minus*	3 or 0	=	5	x	40	=	200
[] First presentation of multiple dependent claim									

* Subtract the greater number of Col. 2

** If the difference between Col. 1 and Col. 2 is less than zero, then enter "0" in Col 3

SUBTOTAL (2)

(\$) 299

SUBMITTED BY

Typed or Printed Name

Neil F. Maloney

Signature

Complete (if applicable)

Reg Number

42,833

Date

March 12, 2001

[†] Request for Extension of Time per 37 CFR 1.136 (a)(3) made hereby